

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A NEW CONDUIT RUN INCLUDING WIRING AND HANDHOLES FOR THE EXISTING SOUTHBOUND CSX RAILROAD HIB DUE TO GEOMETRIC CHANGES ON MD 97 IN CARROLL COUNTY. MD 97 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE HIB WILL OPERATE IN FLASHING MODE WITH FLASHING YELLOW BEACONS ON SOUTHBOUND MD 97 (OLD WASHINGTON ROAD) WHEN TRAFFIC IS QUEUED AT THE CROSSING. ALL OTHER TIMES THE HIB WILL OPERATE IN DARK MODE.

CONTROLLER REQUIREMENTS

THE EXISTING POLE MOUNTED CABINET, CONTROLLER AND ASSOCIATED HARNESSES WILL REMAIN.

THE CONTACT PERSONS FOR DISTRICT #7 ARE AS FOLLOWS:

Mr. John Concannon  
Assistant District Engineer - Traffic  
Phone: 301-624-8140/8141

Ms. Andrea Abend  
Assistant District Engineer - Utility  
Phone: 301-624-8105/8116

Mr. Raymond Johnson  
Assistant District Engineer - Maintenance  
Phone: 301-624-8105/8106

Mr. Richard L. Daff Sr.  
Chief, Traffic Operations Division  
Phone: 410-787-7630

Mr. Edward Rodenhizer  
Chief, SHA Signal Shop  
Phone: 410-787-7650

The Power Company Representative Is:  
Baltimore Gas & Electric Company  
7317 Parkway Drive South  
Hanover, MD 21076  
Phone: 410-859-9062

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

ITEM NO	QUANTITY	DESCRIPTION
9570	2.25 SF	SHEET ALUMINUM SIGNS (GROUND MOUNTED)
		1 EA - W10-1 (18 IN. x 18 IN.) FY

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

ITEM NO	QUANTITY	DESCRIPTION
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NONE - ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR

EQUIPMENT LIST 'B'

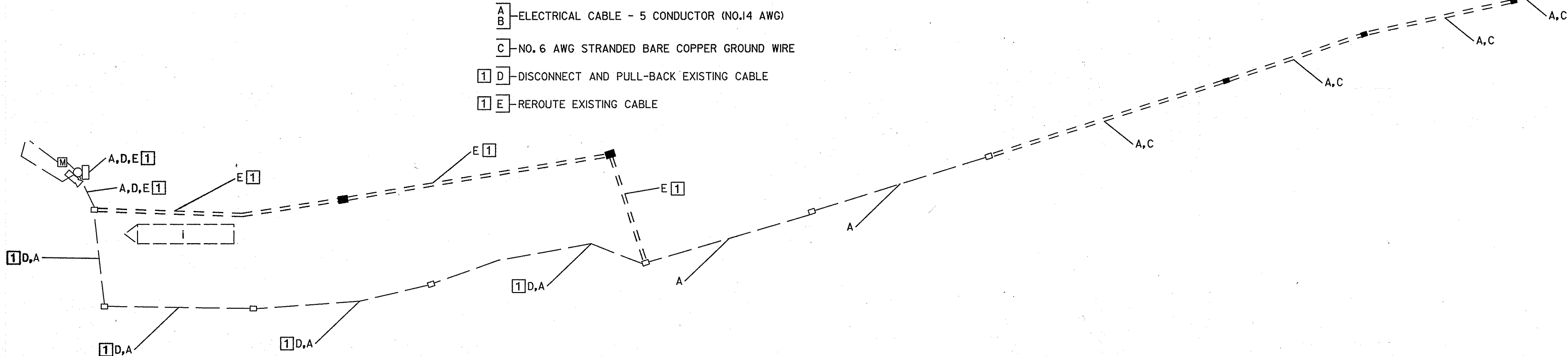
EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

ITEM NO	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
6006	250 LF	TRAFFIC BARRIER W BEAM USING 6 FOOT POST
6007	2 EA	TYPE C TRAFFIC BARRIER END TREATMENT
1 8005	1 - 2 EA	ADJUST EXISTING HANDHOLE TO GRADE INCLUDING COLLAR
8009	1 EA	CONDUIT BEND IN EXISTING FOUNDATION - ANY SIZE
8022	1 EA	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT PER ASSIGNMENT
1 8030	675 LF	DISCONNECT, PULL-BACK AND REROUTE CABLES
1 8032	65 LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - BORED
1 8034	1200 - 650 LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - TRENCHED
8035	14 LF	WOOD SIGN SUPPORTS UP TO 4X6 INCHES
8038	650 LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
1 8044	5 - 3 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8045	2.25 SF	INSTALL GROUND MOUNTED SIGN
8058	1550 LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)

HIB PHASE CHART

	1	2
	Y	Y
NORMAL OPERATION	FLY	FLY
OTHER OPERATION	DARK	DARK

WIRING DIAGRAM



1 REDLINE REVISION 03/13/2008



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
SOUTHBOUND MD 97 AT THE CSX RAILROAD  
HAZARD IDENTIFICATION BEACON



GENERAL INFORMATION

SCALE	NONE	ADVERTISED DATE	01/2008	CONTRACT NO.	AT9135185
DESIGNED BY	SDY	COUNTY	CARROLL		
DRAWN BY	AMT	LOGMILE	06097000.33		
CHECKED BY		TMS NO.	1902		
F.A.P. NO.	N/A	TOD NO.			
TS NO. 4424A- GI	DRAWING	SG-02	OF 2	SHEET NO.	2 OF 2